## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001486

Α.	CLASSIFIC	ATIONIO	E CHRIECT	MATTED
Α.	CLASSITICA	AIIONO	r aubirci	MALIER

IPC7: D21F 3/02

According to International Patent Classification (IPC) or to both national classification and IPC

### **B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7: D21F, D21G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

## SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## WPI-DATA, EPO-INTERNAL

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

		T
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 3030233 A1 (J.M. VOITH GMBH), 18 February 1982 (18.02.1982), The whole document	1-3,6-8, 10-16,19-30, 32-34
	<del></del>	
A	US 5951824 A (RAJENDRA D. DESHPANDE), 14 Sept 1999 (14.09.1999), column 3, line 12 - line 16, abstract	1-34
	<del></del>	
A	US 4468287 A (HANS DAHL), 28 August 1984 (28.08.1984), column 3, line 50 - line 57, figure 1	1-32

X	Further	documents	are liste	d in t	he contin	uation of	Box	C.
---	---------	-----------	-----------	--------	-----------	-----------	-----	----

X See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" carlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Telephone No. +46 8 782 25 00

Date of the actual completion of the international search

20 January 2005

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM

Date of mailing of the international search report

O 9 -02- 2005

Authorized officer

Susanna Lindfors/Els

Facsimile No. +46 8 666 02 86

# BEST AVAILABLE COPY

## INTERNATIONAL SEARCH REPORT

International application No. PCT/SE 2004/001486

	1 :	
C (Continu	ation). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	WO 0244467 A2 (RAJAMÄKI, TEUVO), 6 June 2002 (06.06.2002), The whole document	1-34
A	US 6334933 B1 (ILPO KOSKI), 1 January 2002 (01.01.2002), column 2, line 25 - line 46	1-34
A	US 4851119 A (DAG BERGLÖFF ET AL), 25 July 1989 (25.07.1989), The whole document	1-34
:		
	·	
	SA /210 (continuation of second sheet) (Isnuary 2004)	

# **INTERNATIONAL SEARCH REPORT**

International application No. PCT/SE 2004/001486

, DE	3030233	A1	18/02/1982	NON	<b>E</b>	
US	5951824	Α	14/09/1999	CA JP JP	2239841 A 2906234 E 11043887 A	14/06/1999
US	4468287	Α	28/08/1984	AT AT DE FI IT IT	49381 A 380907 E 3105276 A 813571 A 1151708 E 8219293 D	3 25/07/1986 12/08/1982 28/07/1982 3 24/12/1986
WO	0244467	A2	06/06/2002	AU CA CN EP FI US	2076702 A 2429986 A 1478163 T 1339914 A 20002630 C 20040069433 A	06/06/2002 25/02/2004 03/09/2003 00/00/0000
US	6334933	B1	01/01/2002	AT AU CA DE EP SE FI FI WO		10/11/2000 02/11/2000 00/00/0000 1,B 29/08/2001 13 3 00/00/0000 15/10/2000 15/10/2000

# PCT/SE 2004/001486

# International application No.

1							
	US	4851119	A	25/07/1989	AT	221386 A	15/02/1988
					ΑT	386544 B	12/09/1988
					AU	599126 B	12/07/1990
					AU	7673687 A	25/02/1988
					BE	1000809 A	11/04/1989
					CA	1320866 A,C	03/08/1993
					CH	675393 A	28/09/1990
					DE	3725528 A,C	03/03/1988
					ES	2005262 A	01/03/1989
					FI	93871 B,C	28/02/1995
					FΙ	873426 A	19/02/1988
					FR	2602693 A,B	19/02/1988
					GB	2194169 A,B	02/03/1988
					GB	8719144 D	00/00/0000
					IT	1222490 B	05/09/1990
					IT	8721643 D	00/00/0000
i					JP	1615324 C	30/08/1991
					JP	2040437 B	11/09/1990
-					JP	63101098 A	06/05/1988
					LU	86970 A	16/12/1987
					NL.	192095 B,C	01/10/1996
					NL	8701940 A	16/03/1988
					SE	466739 B,C	30/03/1992
					SE	8703163 A	19/02/1988
					SU	1498377 A	30/07/1989
					ZA	8706112 A	29/06/1988
- 1							-

INTERNATIONAL SEARCH REPORT